RAW SEQUENCE LISTING DATE: 01/15/2002 PATENT APPLICATION: US/10/029,359 TIME: 07:45:59

Input Set : A:\10806156.txt

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₽ \ f>	/ 9	<140)> C	URRE	NT A	PPLI	CATIO	и ис	UMBE	R: U	S/10	/029	, 359			ų		O DISKORO MODGO
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	29						Me	et Tl	nr G	lu A	sn S	er Le	eu Se	er G	Lu Me		la Ser	
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		Lys	Ser	${\tt Trp}$		Asn	Phe	Leu	Thr		Leu	Tyr	Gly	Ser		Ile	Gly	
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		_		agc		_		_						-	-			293
	50	Asp	ser	Ser	GIN	Arg 80	гаг	Asp	GIU	ASII	85	GIU	rre	Ala	GIU	90	Leu	
- A										.	_							2.4.1
X IV	52	tat	nag	caa	gtt	aaa	Tla	Tan	cgc	Lgg	gee	arg	aca mb-	ggc	Con	Cdd	aac	341
GV.		ryr	xaa	Gln		ьys	тте	Leu	Cys	100	Val	Met	Thr	GTĀ	105	GIII	ASI	
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DATE: 01/15/2002

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                 Output Set: N:\CRF3\01152002\J029359.raw
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69 Ile Asn Leu Phe
73 <210> SEQ ID NO: 2
74 <211> LENGTH: 159
75 <212> TYPE: PRT --
76 <213> ORGANISM: human
78 <220> FEATURE:
                                                 This is an arrivo ou'd sequerer.

Xaa is at

Lys Ser Trp Leu Asn

15 location 93.
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80 <222> LOCATION: (297)..()
81 <223> OTHER INFORMATION: n=a, g, c or t
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86 1
89 Phe Leu Thr Phe Leu Tyr Gly Ser Ala Ile Gly Phe Ile Leu Phe Ser
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                                     25
93 Gln Leu Leu Ser Ile Leu Leu Gly Glu Glu Gly Asp Thr Gln Thr Asn
                                 40
97 Val Leu His Asn Asp Pro His Ala Arg His Ser Asp Asp Asn Gly Gln
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101 Asn His Leu Gly Gly Gln Met Asn Phe Asn Ala Asp Ser Ser Gln Arg
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105 Lys Asp Glu Asn Thr Glu Ile Ala Glu Asn Leu Tyr (Xaa)Gln Val Lys
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                                          90
109 Ile Leu Cys Trp Val Met Thr Gly Ser Gln Asn Leu Gln Lys Lys Ala
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                 100
                                                           110
113 Lys His Val Lys Ala Thr Trp Ala Gln Arg Cys Leu Lys Val Phe Phe
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                                                                            105
141 Thr Gly Val Thr Asp Lys Leu Tyr Gln Lys Met Lys Ile Leu Cys Trp
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144 att atg aca gga cct caa aat cta gaa aaa aag atc aga cgc atc aga
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145 Ile Met Thr Gly Pro Gln Asn Leu Glu Lys Lys Ile Arg Arg Ile Arg
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PATENT APPLICATION: US/10/029,359 TIME: 07:45:59

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Input Set : A:\10806156.txt

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	_					_	Asp		_								
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			-	-			Tyr				-		-		-	-	
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	130	GIII	АЗР	тут	Mec	135	GIY	СТУ	Ата	СТУ		Val	пеп	261	пуэ	145	
		۱۰ ۵۱	70 TI	NO.	. 1	133					140					147	
	<210 <213																
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		THE	GIY	vaı		ASP	Lys	Leu	туг		гĀг	мес	ьуs	ire		Cys	
185		- 1		~-1	5	_		_	_	10	_	_	_,	_	15		
	Trp	тте	мет		GIY	Pro	Gln	Asn		GIU	ьys	гàг	тте	-	Arg	11e	
189	_	_	-1	20	- 1	a 1	~ 1	_	25	_		_	-1	30	~		•
	Arg	Asp		Trp	Ата	GIn	Gly		Asn	ьуs	Ата	Leu		Met	Ser	ser	
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	Asp	His	Tyr	Leu		Tyr	Met	Asp	\mathtt{Trp}		Met	Lys	Ala	Asp	_	Asp	
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RAW SEQUENCE LISTING

DATE: 01/15/2002 TIME: 07:45:59

PATENT APPLICATION: US/10/029,359

Input Set : A:\10806156.txt

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			AME/F														
			OCAT:			(9	34)										
			EQUE			:										•	
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Input Set : A:\10806156.txt

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292 225	291	Lve Gl	v Tvr	T.e.11	Pro	Δra	Thr	Phe	ጥኮክ	Ψvr	Фrn	Δgn	ጥህዮ	Δsn	Tur	Tur	
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296																	, 03
298 cac tat gtt gat tot aca acc atg tat gag tta gaa tac oct gtt tat 299 His Tyr Val Asp Ser Thr Thr Met Tyr Glu Leu Glu Tyr Leu Val Tyr 300 260 265 270 302 cat ctt cgt cca tat ggt tat tta tac aga tat caa cct acct ta cct 303 His Leu Ang Pro Tyr Gly Tyr Leu Tyr Arg Tyr Gln Pro Thr Leu Pro 304 275 280 285 306 gaa cgt ata cta aag gaa att agt caa gca aac aaa aat gaa gat aca 307 Glu Arg Tle Leu Lys Glu Ile Ser Gln Ala Asn Lys Asn Glu Asp Thr 308 290 295 300 310 aaa gtg aag tta gga aat cct tgaaagaaaa tcatgaatga acaaaggtaa 964 311 Lys Val Lys Leu Gly Asn Pro 312 305 310 314 tatgtctagc actgcactga aaaaggactt ctgcatttct gacatagaac actggaatcc 310 315 tatgtctata tatatgaaga acttytit tttaaatgyt ggcaggtag aggaactaga 3120 316 cagtgaggaa ttctaagtga acattcotta tagaaacctt tcacatgaat gactataaac 318 tgaagcttta aatgagctgt gaagtgtgtt aaaatgtgtt ttgatacagt aatatataa 318 tgaagcttta aatgagctgt gaagtgtgtt tatagaagaact gactagaag actagagatagt 3120 322 aaagagattt tgttgcctgt tttctgacca tctgtgttat tgtcactgag aacataaaat 3120 323 aaaaaaaatt actaaaaactac actgcaccac gttagtaata aacagatctg ccttaaaga 3132 324 attatatttg cagtatgta taaatgatac cccctacca caccacacac cacagtttt 3134 328 tttatatttg cagtatgta taaatgatac cccctacca caccacacac cacagtttt 3134 329 tttatatttg cagtatgta taaatgatac cccctacca caccacacac cacagtttt 3134 320 stctaatgaa aatgttgctg tgattatta taattggtag tattcttcc agaaggagt 3136 330 <310 > SEO ID NO: 6 335 <210 > SEO ID NO: 6 341 Asp Asn Gly Gln Asn His Leu Glu Gly Gln Met Asn Phe Asn Ala Asp 310 342		110 11	o var	Olu	_	110	OT1	CID	O ₁ D		пор	Lica	11.24	, 41		1110	
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311 Lys Val Lys Leu Gly Asn Pro 312 305 310 314 tatgtctagc actgcactga aaaaggactt ctgcattct gacatagaac actggaatcc 11024 316 cagtgaggaa ttctaagtga acattcctta tagaaacctt tcacatgaat gactataaac 11084 318 tgaagcttta aatgagctgt gaagtgtgtt aaaatgtgtt ttgatacagt aatatataaa 11144 320 tatgtctata tatatgagga acttgtgttt tttaaatggt ggccaggtag aggaactaga 1204 322 aaagagattt tgttgcctgt tttctgacca tctgtgttat tgtcactgag aaactaaaat 1264 324 agtaaattta ctaaaactac actgcaccat gttagtaata aacagatctg ccttaaagaa 1324 326 aagaaaattt tagaaagaaa tattgttgct cagtgttgtt aatatagctc aagaattgag 1326 attatattg cagtatgcta taaatgatac cccctacca caccccacaca cacagtttt 1330 gtctaatgaa aatgttgctg tgattattat taataggtag tatttcttcc agaagaagct 1331 (212) SEQ ID NO: 6 1332 aaaataagac tggcacttac cctgaagtgc attaataaaa ccacacttta aaatta 1333 <212> TYPE: PRT 1338 <213> ORGANISM: human 140 <400> SEQUENCE: 6 141 Asp Asn Gly Gln Asn His Leu Glu Gly Gln Met Asn Phe Asn Ala Asp 142 1 5 10 15 15 15 15 16 Ser Ser Gln His Lys Asp Glu Asn Thr Asp Ile Ala Glu Asn Leu Tyr 17 18 18 <213> ORGANISM: human 18 <213				tta	дда	aat		tσa	ааσа	aaa :	tcate		та а	caaa	ααta	a	964
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1024 1024			_ L/5	пси	OL.		110										
1084 1084			tage	acto	cacto		aaaα	ract:	t cto	acati	ttct	gac	atag	aac	acto	raatcc	1024
1144 320 tatytotata tatatagaga acttytyttt tttaaatggt ggccaggtag aggactaga 1204 1205 1		_	_	_		-		-		-		_	_			-	
1204 1202 1203 1204 1204 1205						_				_			-		-		
322 aaagagattt tgttgcctgt tttctgacca tctgtgttat tgtcactgag aaactaaaat				_						_	_	_		-			
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350					•	-				-						-	
353 Glu Lys Lys Ala Lys His Val Lys Ala Thr Trp Ala Gln Arg Cys Asn 554 50 55 55 55 60 60 60 60 60 60 60 60 60 60 60 60 60	349	Gln Ly	s Val	Arg	Ile	Leu	Cys	Trp	Val	Met	Thr	Gly	Pro	Gln	Asn	Leu	
354	350	_	35	_			_	40				_	45				
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366 100 105 110 369 Phe Leu Lys Ala Asp Asp Asp Thr Tyr Val Ile Leu Asp Asn Leu Arg 370 115 120 125	365	Lys Al	a Phe	Gln	Tyr	Val	His	Glu	His	Tyr	Leu	Gln	Asp	Ala	Asp	Trp	
370 115 120 125					-					-			-		-	•	
370 115 120 125	369	Phe Le	u Lys	Ala	Asp	Asp	Asp	Thr	Tyr	Val	Ile	Leu	Asp	Asn	Leu	Arg	
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VERIFICATION SUMMARY

DATE: 01/15/2002

PATENT APPLICATION: US/10/029,359

TIME: 07:46:00

Input Set : A:\10806156.txt

Output Set: N:\CRF3\01152002\J029359.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2